

About Pluralsight

Pluralsight is a premier Microsoft .NET training provider and home to many of the top authorities on .NET today. Pluralsight delivers professional training classes at various open enrollment locations and customer sites around the world. The experience and reputation of Pluralsight's instructors and the high quality of Pluralsight course materials generate a high demand for its courses, making them among the most sought after in the industry.

Founded by some of the most respected .NET talents, Pluralsight LLC has built a strong technical community that benefits developers everywhere. Members of the Pluralsight technical staff share a unique passion for software technology, with decades of collective experience in software development, research, writing, speaking, and professional training focused primarily on the various Microsoft development platforms. The members of the Pluralsight technical staff are known for their ability to clearly distill what really matters, providing valuable insight to the developers they serve.

Pluralsight members have collectively authored dozens of books and hundreds of advanced technical articles, which have appeared in such publications as MSDN Magazine, Microsoft Systems Journal, Microsoft Interactive Developer and many others. As sought after speakers, Pluralsight members can be found at nearly every leading technical conference, including TechEd, PDC, VSLive!, DevWeek, and many others. Their work is recognized internationally as the place to turn for unique insight into the latest emerging technologies.

In addition to training, Pluralsight builds technical content for Microsoft and other vendors. Pluralsight also hosts many insightful bloggers and maintains close ties to many of Microsoft's product teams, the Pluralsight community will help you stay plugged into the heart of the industry. Pluralsight's mission is to become greater than the sum of its parts: ***the home for smart developers.***

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Training Curriculum



Courses in this series are designed to teach developers how to apply a particular technology to a problem domain with a strong focus on today's best practices, pragmatic advice, and a thorough understanding of the technology. The primary goal of this series is to teach developers everything they need to know to make effective and efficient use of the particular technology.

.NET Framework

- Applied .NET Framework 3.0
- Applied .NET Framework 2.0
- Applied Windows Communication Foundation (WCF)
- Applied Windows Presentation Foundation (WPF)
- Applied Windows Workflow Foundation (WF)
- Applied .NET Security
- Developer Security Workshop with Kevin Brown (condensed 2-day workshop)

Web Development

- Applied ASP.NET AJAX
- Applied ASP.NET 2.0
- Applied Web Services 2.0

Servers/Tools

- Applied BizTalk Server 2006
- Applied SQL Server 2005
- Applied Visual Studio Team System

Architecture

- Applied .NET Architecture and Design

Training Curriculum



Limited training time? Need to learn more than one technology? Double features events offer two *topics* covered by two experts in one week. These extended hours, dual immersion classes meet all your needs. They include topics from two courses from our other series, offered together in five extended days. And we should mention these courses are generally more fun. :-)

- Double Feature: ASP.NET 2.0 + SQL Server 2005
- Double Feature: Web Services + BizTalk Server 2006
- Double Feature: WCF + Workflow
- Double Feature: .NET 2.0 + ASP.NET 2.0
- Double Feature: ASP.NET 2.0 + .NET Security
- Double Feature: ASP.NET 2.0 + ASP.NET Ajax

Training Curriculum

Pluralsight courses are available in two formats:

- (1) Public (Open) enrollment courses are hosted by Pluralsight at various locations throughout the year. These classes are open to the public and pricing is per attendee (or student). See www.pluralsight.com/courses.aspx for latest schedule and locations
- (2) Private On-site courses are hosted by client organizations at their facilities, are led by Pluralsight instructors, and have a maximum enrollment of twenty-four (24). The attendees (or students) of these private courses are determined by the client organization. Pricing is per course, plus instructor travel expenses.

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
AP-00	Applied .NET Framework 2.0 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	This course is designed to get you up to speed quickly on fundamental concepts in the CLR that all developers should be familiar with, including assembly versioning, deployment, interop, garbage collection, and so on. It emphasizes version 2.0 of the .NET Framework, and where appropriate, discusses the differences from version 1.1. The first part of the course is dedicated to giving the student a deep understanding of the basics while the second part introduces the student to the most popular features provided by the .NET Framework 2.0 class library, including security, ASP.NET, ADO.NET, XML and Web Services. By the end of the course, you'll have a solid foundation to get started programming on virtually any project with the .NET Framework.	We assume you've had some experience programming Windows using C++ or Visual Basic, and are familiar with fundamental concepts such as processes and DLLs. The interop module assumes a basic knowledge of COM. Some experience with Web and database programming is helpful but not strictly required.	\$2,195	\$22,500
AP-03	Applied Web Services for .NET 2.0 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	This course focuses on the practical application of Web services concepts and technologies using the Microsoft .NET 2.0 framework. You will come away with a thorough understanding of the core Web services technologies listed in the highlights and how to apply them using ASMX 2.0 and WSE 3.0 today. You'll be exposed to different design methodologies and their pros and cons. You'll specifically learn about contract-first design, and how to use such an approach using today's development tools and technologies. By the end of the course you'll understand how to use ASMX 2.0 and WSE 3.0 in a variety of different ways.	Experience programming in C# using Visual Studio .NET 2005 is required. Some experience with Web programming is helpful but not strictly required.	\$2,195	\$22,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
AP05	Applied .NET Security Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	You will learn the fundamentals of designing and implementing web applications with security techniques that include authentication, authorization, privacy, integrity and confidentiality, least privilege and defense in depth. Wherever possible we will demonstrate real attacks to motivate why these features are important.	The more familiar you are with the basics of data-driven web applications, the more comfortable you'll feel with the lectures. This includes experience with IIS and SQL Server (or similar database). If you want to do the labs, you'll need to be comfortable with C# and the .NET Framework, ASP.NET and database programming.	\$2,195	\$22,500
AP-08	Applied BizTalk Server 2006 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	You will learn how to incorporate BTS 2006 into your connected systems. Specifically, you'll learn how to design message schemas, schema maps, and orchestrations using the Visual Studio .NET design tools. You'll also learn how to deploy and configure BizTalk solutions, and how to test, debug, and track activity throughout the process. You'll learn how to leverage some of BizTalk's more advanced services such as Business Activity Monitoring and the Microsoft Business Rule Engine. By the end of the course, you should feel comfortable with applying BizTalk Server 2006 to solve your integration needs.	Experience programming in C# using Visual Studio .NET and working knowledge of XML and Web services terminology is required. Experience with prior BizTalk versions is not required.	\$2,195	\$22,500
AP-09	Applied SQL Server 2005 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	You will learn how to use the enhancements that have been added to SQL Server 2005. These include the additional functionality added to T-SQL, XML and large data types, improved security, improved ANSI compliance, extending SQL Server using CLR languages, and using new features added to ADO.NET.	You should know the basics of SQL or be familiar with C# or VB.NET. The labs are in C# and VB.NET for the CLR portions for the course. You should know basic XML syntax. Because this release of SQL Server covers such a wide technology spectrum there is no requirement to have a strong background in SQL, CLR and XML, but you should be competent in at least one of them.	\$2,195	\$22,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
AP-10	Applied ASP.NET 2.0 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	How to build robust, feature complete Web applications with ASP.NET 2.0. You will take away many practical samples, and have a good understanding of when to use which features of the new framework.	Experience programming in either C# or VB.NET. Knowledge of Web programming including HTTP, HTML, and client-side Javascript. Experience with ASP or ASP.NET 1.1 is helpful but not strictly required.	\$2,195	\$22,500
AP-11	.NET Architecture and Design Length: 2 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo only Class max.: 24	This course will focus on the practical application of distributed technologies on the Microsoft platform today. You will come away with a thorough understanding of available architectural approaches, and perhaps more importantly, when and where to use those strategies in your designs.	Experience using .NET and programming in C# is a must; we will not be covering any .NET fundamentals but rather focusing on how to use and integrate .NET technologies that exist today. Experience with building web services and ASP.NET sites is a plus, but not strictly required.	\$1,595	\$15,000
AP-12	Applied Visual Studio Team System Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	Attendees will develop a deep understanding of the Team Foundation Server, gain valuable insights into using the various client tools to build quality solutions, and how Team System can affect everyone's day-to-day activities.	Experience programming in .NET (C# or Visual Basic) is helpful, but not required.	\$2,195	\$22,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
AP-13	Applied .NET Framework 3.0 Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	This course is designed to get you up to speed quickly on the new .NET platform for communication, presentation, workflow, and security. You'll learn how to connect systems more quickly and easily using WCF, as well as how to make certain parts of your application more visible by incorporating workflow. You learn how to start thinking about claims-based security with Windows CardSpace. Finally, you'll learn how to build a compelling front end using the horsepower a modern graphics engine can supply. The systems you build on this new platform will be easier to build but at the same time, more secure, manageable, visible, and beautiful than anything your competitors can produce on the older platform.	Experience with .NET Framework 2.0. In addition, the labs are written in C#, so a reasonable comfort level with C# will be very helpful.	\$2,195	\$22,500
AP-14	Applied Windows Communication Foundation (WCF) Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	This course will help you understand the design principles underlying WCF, but it will also teach you the most practical aspects of using WCF today. You'll learn about the WCF programming model and how to configure security, reliability, transaction supports. You'll learn how to host services in different types of applications and over different communication protocols, while using SOAP and Web services standards when interoperability are necessary. By the end of the course you will feel comfortable tackling the most common WCF programming challenges.	Experience programming in C# using Visual Studio .NET is required. Experience with ASP.NET Web services (ASMX), WSE, and traditional distributed object frameworks is helpful but not strictly required.	\$2,195	\$22,500
AP-15	Applied Windows Presentation Foundation (WPF) Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24	How to build robust, feature complete Windows applications with WPF. You will take away many practical samples, and have a good understanding of when to use which features of the new framework.	Experience programming in either C# or VB.NET using Visual Studio is required. Experience with Visual Studio 2005 is ideal, but knowledge of Visual Studio .NET 2003 is sufficient. Knowledge of UI programming such as Windows Forms, or Swing is helpful but not required.	\$2,195	\$22,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
AP-16	<p>Applied Windows Workflow Foundation (WF)</p> <p>Length: 4 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24</p>	<p>This course will not only help you understand the architecture and design principles underlying WF, but also teach you the most practical aspects of beginning to use WF today. You'll learn how to use WF to create rich Human Workflow applications that truly involve the business user as well as how to create transparent, maintainable application code. Coverage will include how to create workflows using sequence and State-machine workflow models as well as how to extend WF with custom activities and services. By the end of the course you should feel confident building, deploying and hosting workflows and creating custom activities.</p>	<p>Experience programming in C# using Visual Studio .NET is required.</p>	\$2,195	\$22,500
AP-17	<p>Applied ASP.NET AJAX</p> <p>Length: 3 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo/lab Class max.: 24</p>	<p>Attendees will develop a deep understanding of the ASP.NET 2.0 AJAX Extensions, gain valuable insights into using the framework in real web applications, and discover both the advantages and difficulties of using an AJAX-style approach.</p>	<p>Experience programming in ASP.NET, and Web development in general, is required.</p>	\$1,895	\$18,000
SP-06	<p>Developer Security Workshop with K. Brown</p> <p>Length: 2 Days Time: 9am to 5pm Instructor: 1 Format: Lecture/demo only Class max.: 24</p>	<p>You will walk away with a much stronger intuition for security on the Windows platform. You'll see how to write more secure applications with less code by relying on platform authentication wherever possible. You'll learn how to federate identity with other companies using ADFS, and about the future of claims-based authorization. If you haven't already seen the scary demos of SQL injection, cross-site scripting, etc. you'll get a chance to see those as well as learn how to protect yourself against these nasty attacks. You'll learn a bit about what's under the hood of some of the security features of the Windows platform so that you'll be better prepared to take advantage of them.</p>	<p>You should have experience developing .NET applications. Keith's examples will be in the C# language, but there's nothing language-specific about the advice he'll be giving. There will be something for everyone at this seminar, from the new .NET developer who needs to learn how to prevent SQL injection attacks to the architect who wants to know more about the subtleties of impersonation and delegation versus trusted subsystems, to the hardcore bit-head who always wondered how Kerberos worked under the hood.</p>	\$1,595	\$15,000

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
DF-00	Double Feature: ASP.NET 2.0 + SQL Server 2005 Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	How to build robust, feature complete Web applications with ASP.NET 2.0. You will take away many practical samples, and have a good understanding of when to use which features of the new framework. You will also learn how to use the enhancements that have been added to SQL Server 2005. These include the additional functionality added to T-SQL, XML and large data types, improved security, improved ANSI compliance, extending SQL Server using CLR languages, and using new features added to ADO.NET.	Experience programming in C#. Knowledge of Web programming with ASP.NET. Knowledge of SQL and general database access techniques.	\$2,595	\$45,500
DF-01	Double Feature: Web Services + BizTalk Server 2006 Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	You will come away with a thorough understanding of the core Web services technologies listed in the highlights and how to apply them using ASMX 2.0 and WSE 3.0 today. You'll be exposed to different design methodologies and their pros and cons. You'll specifically learn about contract-first design, and how to use such an approach using today's development tools and technologies. By the end of the course you'll understand how to use ASMX 2.0 and WSE 3.0 in a variety of different ways. You will also learn how to incorporate BTS 2006 into your connected systems. Specifically, you'll learn how to design message schemas, schema maps, and orchestrations using the Visual Studio .NET 2005 design tools. You'll also learn how to deploy and configure BizTalk solutions, and how to test, debug, and track activity throughout the process. You'll learn how to leverage some of BizTalk's more advanced services such as Business Activity Monitoring and the Microsoft Business Rule Engine. By the end of the course, you should feel comfortable with applying BizTalk Server 2006 to solve your integration needs.	Experience programming in C# using Visual Studio .NET and working knowledge of XML and Web services terminology is required. Experience with prior BizTalk versions is not required.	\$2,595	\$45,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
DF-02	Double Feature: WCF+WF Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	This course will help you understand the design principles underlying WCF and WF, but it will also teach you the most practical aspects of using WCF and WF today. You'll learn about the WCF programming model and how to configure security, reliability, transaction supports. You'll learn how to host services in different types of applications and over different communication protocols, while using SOAP and Web services standards when interoperability are necessary. By the end of the course you will feel comfortable tackling the most common WCF programming challenges. You will also learn how to use WF to create rich Human Workflow applications that truly involve the business user as well as how to create transparent, maintainable application code. Coverage will include how to create workflows using sequence and State-machine workflow models as well as how to extend WF with custom activities and services. By the end of the course you should feel confident building, deploying and hosting workflows and creating custom activities.	Experience programming in C# using Visual Studio .NET is required.	\$2,595	\$45,500
DF-03	Double Feature: .NET 2.0 + ASP.NET 2.0 Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	This course is designed to get you up to speed quickly on fundamental concepts in the CLR that all developers should be familiar with, including assembly versioning, deployment, interop, garbage collection, and so on. It emphasizes version 2.0 of the .NET Framework, and where appropriate, discusses the differences from version 1.1. You'll not only learn the basics, but you'll be introduced to some of the most popular features provided by the .NET Framework 2.0 class library, including security, ADO.NET, and XML. You'll leave with a solid foundation to get started programming on virtually any project with the .NET Framework. During the second part of the course, you will learn how to build robust, feature complete Web applications with ASP.NET 2.0. You will take away many practical samples, and have a good understanding of when to use which features of the new framework.	We assume you've had some experience programming Windows using C++ or Visual Basic, and are familiar with fundamental concepts such as processes and DLLs. The interop module assumes a basic knowledge of COM. Some experience with Web and database programming is helpful but not strictly required.	\$2,595	\$45,500

Course No.	Course Name	Skills Taught / Objectives	Assumptions / Prerequisites	(Per Student)	(Per Course)
DF-04	Double Feature: ASP.NET 2.0 + Security Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	How to build robust, feature complete Web applications with ASP.NET 2.0. You will take away many practical samples, and have a good understanding of when to use which features of the new framework. You will also learn the fundamentals of designing and implementing web applications with security techniques that include authentication, authorization, privacy, integrity and confidentiality, least privilege and defense in depth. Wherever possible we will demonstrate real attacks to motivate why these features are important.	Experience programming in either C# or VB.NET. Knowledge of Web programming with ASP.NET. Knowledge of SQL and general database access techniques.	\$2,595	\$45,500
DF-09	Double Feature: ASP.NET 2.0 + ASP.NET AJAX Length: 5 Days Time: 8am to 6pm Instructor: 2 Format: Lecture/demo/lab Class max.: 50	How to build robust, feature complete Web applications with ASP.NET 2.0. You will take away many practical samples, and have a good understanding of when to use which features of the new framework. Attendees will develop a deep understanding of the ASP.NET Ajax, gain valuable insights into using the framework in real web applications, and discover both the advantages and difficulties of using an Ajax-style approach.	Experience programming in C#. Knowledge of Web programming with ASP.NET.	\$2,595	\$45,500